



234453

**U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT****I. HEADING**

**Date:** March 30, 1999  
**Subject:** Fairway Surplus Site  
East Tawas, Michigan

**From:** William Simes, On-Scene Coordinator, Region 5

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**POLREP:** POLREP #16

**II. BACKGROUND**

<b>SITE ID No:</b> B563	<b>Delivery Order No:</b> 0010 (68-S5-98-02)
<b>Latitude:</b> W44°18'31.5"	<b>Longitude:</b> N83°33'22.8"
<b>CERCLIS No:</b> MID005326673	<b>ERRS No:</b> 28854
<b>Response Authority:</b> CERCLA	<b>NPL Status:</b> non-NPL
<b>Start Date:</b> 11/16/98	<b>Completion Date:</b> N/A
<b>Reporting Period:</b> March 22, – March 26, 1999	

**III. SITE DESCRIPTION**

See Initial POLREP

**IV. RESPONSE INFORMATION****A. Situation****1. Current situation :**

The weather during the reported period was windy, and temperatures ranged from 16 to 50°F. The site is divided into 45 sections, with each section composed of 10,000-ft<sup>2</sup>. The site is being secured for demobilization. The T&D coordinator is arranging for the disposal of four sludge filled rolloff boxes.

**2. Removal activities to date:**

11/16/99-2/26/99:

Asbestos subcontractor United Enviro Tech has removed all ACM from throughout the site.

Approximately 300 cu. yds of soil which was contaminated with lead has been treated, an additional 1,090 cu. yds of soil which did not require treatment has also been excavated. The cylinder subcontractor Reactive and Explosive Materials Training Corp. has arrived and completed the decommissioning of the cylinders. The decommissioned cylinders were cut and disposed of as non-hazardous debris. The staging of tires and debris, and the crushing/bulking of containers have been completed. The RCRA empty drums/small containers (including PPE) were loaded into rolloff boxes. The onsite structures have been searched and all hazardous materials within them have been removed. Thirty-four structures have been demolished. Twenty-five storage tanks have been dismantled and over two hundred 55- gallon drums have been overpacked. All drums and containers have been sampled and sample results have been received

Approximately 100 soil samples have been collected and the site is waiting for the chemical analysis of the last 7. The smelt material from the piles that had elevated radiological readings were removed and stored in four 55-gallon drums and the surrounding area was surveyed. This material was above TCLP limits for chromium and was treated with portland cement. Composite samples were collected and analyzed by a gamma spectroscopy unit. The radiological sources were inventoried; (380 switches, 12 gauges, and 79 parachute ripcords) which were stored in one 55-gallon drum. The MDEQ radiological division, conducted a radiological ground survey of the site, and assisted the U.S. EPA in determining the total activities of the radiological material. Additional radiological areas of concern were located, removed and sampled. Radiological sampling of the site was completed on 2/11/99.

The T& D coordinator continues to arrange for disposal of four sludge filled rolloff boxes. The total amount of non-hazardous debris and scrap metal disposed of is 7,440 yds<sup>3</sup> and 1,995 yds<sup>3</sup> respectively. The contaminated soil (1,390 cu. yds) has been transported and disposed of offsite. Ten yards of ACM have been removed and transported off site for disposal. The five drums of radioactive material have been transported offsite for disposal. A total of 150 cubic yards of RCRA drums/small containers (including PPE) have been transported and disposed of off site. A vacuum truck was used to remove 2,950 gallons of the material inside tank T-2. Residual sludge inside tank T-2 and T-1 has been stabilized and is awaiting disposal. A total of 320 containers of various waste streams have been shipped offsite for disposal (please see disposal table).

**3. Enforcement:**  
None.

**B. Next Steps**

ERRS will arrange for transportation and disposal of remaining waste, secure the site for demobilization, and demobilize the crew. START will continue to document site activities.

**C. Key Issues**

The site is experiencing cold weather conditions. The site is waiting for sample results for the 7 samples collected on 3/11 and shipped on 3/12. ERRS has extended the completion date to 3/30/99.

**V. COSTS**

Site Cost through 3/18/99:

Site Groups	Ceiling	Cost to Date	Remaining	Percent Remaining
ERRS (Earth Tech)	1,025,000	1,021,000	4,000	1.7%
START (E & E)	75,000	62,000*	13,000	20%
U.S. EPA	85,000	81,000	4,000	95%
TOTAL	1,185,000	1,164,000	21,000	1.8%

\* this estimate was not produced by RCMS.

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure, which the government may include in any claim for cost recovery.

## VI. DISPOSITION OF WASTES

Date	Description	Quantity	Location
12/9/98 - 3/24/99	Nonhazardous, RCRA-empty drums Crushed, drum carcasses	150 yds <sup>3</sup>	Waters Landfill 113755 Sherman Rd. Frederic, MI
1/14/99 - 2/26/99	Nonhazardous, demolition debris	7,440 yds <sup>3</sup>	Whitefeather Development 2401 East Whitefeather Rd Pinconning, MI
1/11/99 - 2/26/99	Nonhazardous, metal debris	1,995 yds <sup>3</sup>	West Branch Scrap Metal West Branch, Michigan
2/18/99	Hazardous Waste, liquid, n.o.s., (chromium), 9, NA 3082, PG III	2,950 gallons	USL City Environmental, Inc. 1923 Frederick St. Detroit, MI 48211
2/25/99	RQ Environmentally Hazardous Substances, Liquid, n.o.s. (Polychlorinated Biphenyls), 9, Un 3082, PGIII	1,600 pounds	Superior Special Services, Inc. 1275 Mineral Springs Drive Port Washington, WI 53074
2/25/99 & 3/8/99	Waste Flammable Liquid, n.o.s., (organic sheen), 3, UN 1993, PG II (FS-05)	720 gallons	Michigan Recovery Systems, Inc. 36345 Van Born Rd. Romulus, MI 48174
2/25/99	Hazardous Waste, liquid, n.o.s., (lead, trichloroethylene), 9, NA 3082, PG III (FS-06)	2,450 gallons	Michigan Recovery Systems, Inc. 36345 Van Born Rd. Romulus, MI 48174
2/25/99	RQ, Waste Flammable Liquid, n.o.s., (oil & grease compounds), 3, Un 1993, PGII (FS-01)	1,485 gallons	Michigan Recovery Systems, Inc. 36345 Van Born Rd. Romulus, MI 48174
2/25/99	Nonhazardous, nonregulated solids/sludges/liquids (FS-02)	7,250 gallons	Michigan Disposal, Inc. 49350 N. I-94 Service Drive Belleville, MI 4811
2/25/99 & 3/8/99	RQ, Waste Flammable Liquid, n.o.s., (oil & grease compounds), 3, UN 1993, PGII (FS-07)	1,450 gallons	Michigan Recovery Systems, Inc. 36345 Van Born Rd. Romulus, MI 48174
2/25/99	Waste Flammable Liquids, n.o.s., (oil & grease compounds), 3 Un 1993, PGII (FS-03)	7,500 gallons	Michigan Recover Systems, Inc. 36345 Van Born, Rd. Romulus, MI 48174
3/8/99	Waste Flammable Liquids, n.o.s., (oil & grease compounds), 3 Un 1993, PGII (FS-03)	7,500 lbs.	Michigan Recover Systems, Inc. 36345 Van Born, Rd. Romulus, MI 48174
3/13/99 - 3/24/99	Non-Hazardous, Non-Regulated Material, solid	1,390 yds <sup>3</sup>	Whitefeather Development Company 2401 E. Whitefeather Road Pinconning, MI 49650
3/23/99	Waste Flammable solid, inorganic, n.o.s., (Calcium carbide), 4.1, UN 3178, PGII	50 pounds	Environmental Enterprises, inc. 4650 Spring Grove Avenue Cincinnati, OH 45232

3/23/99	Waste Flammable Liquid, n.o.s. UN1993	1,410 gallons	Environmental Enterprises, inc.
3/23/99	Waste Mercury UN 2809	45 pounds	Environmental Enterprises, inc.
3/23/99	Waste Ammonia Solutions, 8, UN 2672, PG III	5 gallons	Environmental Enterprises, inc.
3/23/99	Waste Oxidizing Liquid, n.o.s., (manganese dioxide, zinc chromatic), 5.1, Un 3139, PG II	35 gallons	Environmental Enterprises, inc.
3/23/99	Waste Peroxide type, 5.2, UN, PG II	10 gallons	Environmental Enterprises, inc.
3/23/99	Waste Flammable Liquid, corrosive, n.o.s., (trace volatiles/acids), UN 2924, PG II	110 gallons	Environmental Enterprises, inc.
3/23/99	Nonhazardous, non regulated liquids (combustible lab packs)	110 gallons	Environmental Enterprises, inc.
3/23/99	Waste aerosols, Flammable, 2.1, UN 1950	110 gallons	Environmental Enterprises, inc.
3/23/99	Waste toxic Liquid, organic, n.o.s., (insecticide, herbicide), 6.1, UN 2810, PG II	55 gallons	Environmental Enterprises, inc.
3/23/99	Waste Toxic Solid, inorganic, n.o.s., (surface fillers, powder), 6.1, UN 2811, PG II	35 gallons	Environmental Enterprises, inc.
3/23/99	Hazardous waste , solid , n.o.s., (lead), 9, NA 3077, PG III	35 pounds	Environmental Enterprises, inc.
3/23/99	Batteries, wet, nonspillable, 8, UN 2800, PG III	1,500 pounds	Environmental Enterprises, inc.
3/23/99	Batteries, dry, not subject to DOT	4,200 pounds	Environmental Enterprises, inc.
3/23/99	Batteries, wet, filled with alkali, 8, UN 2795, PG III	11,100 pounds	Environmental Enterprises, inc.
3/24/99	Radioactive material, low specific activity, n.o.s., UN2912	36.3 MBq (5 drum total activity)	U.S. Ecology Nuclear Materials Center 109 Flint Road Oak Ridge TN 37830-7033